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CITE 3933

IMMEDIATE

- A. MISSION BX6715
- B. EWS SETTINGS MESSAGE
- C. EWS EQUIPMENT TO BE INSTALLED: PIN PEG, BIG BLAST, BLUE DOG II.
- D. MODE OF BIG BLAST TURN ON: EITHER/OR MODE. (EITHER PIN PEG OR BLUE DOG WILL TURN ON BIG BLAST.)

E. (1) PIN PEG PARAMETERS:

(A) RF - ACCEPT THE FOLLOWING:

(S BAND) 2940 TO 3065

(C BAND) 4910 TO 5090

(B) PULSE WIDTH - ACCEPT THE FOLLOWING:

PULSE WIDTHS .2 TO 1.2 MICROSECONDS

(C) PRF - ACCEPT THE FOLLOWING:

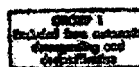
25 YEAR RE-REVIEW

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AT "S" BAND PRFS FROM 2350 TO 2530 PULSES PER SECOND.

AT "C" BAND PRFS FROM 1740 TO 2070 PULSES PER SECOND.

(D) SCAN RATE - ACCEPT FOLLOWING:

"S" BAND - SCAN RATES FROM 13.5 TO 18.5 SCANS PER SECOND

"C" BAND - NO SCAN SORTING.

THE SCAN RATE BYPASS CIRCUIT IS NOT TO BE USED. (CONSTANT TRACK SIGNALS AT "S" BAND SHOULD NOT ~~ACTIVATE~~ PIN PEG.)

(2) BIG BLAST PARAMETERS:

(A) WHILE THE COMMAND FROM PIN PEG OR BLUE DOG IS PRESENT, BIG BLAST WILL TRANSMIT AT BOTH "S" AND "C" BAND CONTINUOUSLY. BIG BLAST WILL TRANSMIT FOR 90 SECONDS UPON LOSS OF TRANSMIT COMMAND SIGNALS, AND WILL BE REACTIVATED IMMEDIATELY BY PIN PEG OR BLUE DOG.

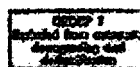
(B) TRANSMIT BAND WIDTHS:

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"S" BAND - 200 MHZ CENTERED AT 3000 MHZ.

"C" BAND - 200 MHZ CENTERED AT 5000 MHZ.

(C) BIG BLAST TO TRANSMIT MAXIMUM POWER WITHIN BAND.

(3) BLUE DOG

(1) RECEIVER SET TO MAXIMUM SENSITIVITY

(2) ACTIVE REPLY TO QUALIFIED SIGNALS.

F. SIP CHANNEL THRESHOLD SETTING:

CHANNEL	SETTING
O-L	MINIMUM SENSITIVITY
O-R	MINIMUM SENSITIVITY
1-L	MINIMUM SENSITIVITY
1-R	MINIMUM SENSITIVITY
2-L	MINIMUM SENSITIVITY
2-R	MINIMUM SENSITIVITY
3-L	MINIMUM SENSITIVITY
3-R	MINIMUM SENSITIVITY

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4-L MINIMUM SENSITIVITY
4-R MINIMUM SENSITIVITY
5- MINIMUM SENSITIVITY
6- (-) 30 DBM
7- MINIMUM SENSITIVITY
8-L (-) 36 DBM
8-R (-) 36 DBM
9-L (-) 29 DBM
9-R (-) 29 DBM
10-L (-) 27 DBM
10-R (-) 27 DBM
11- (-) 30 DBM
12- (-) 30 DBM

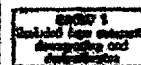
MINIMUM SENSITIVITY MEANS MAXIMUM THRESHOLD SETTING (AS MUCH ATTENUATION AS POSSIBLE).

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G. SIP ON & OFF POINTS ARE AS FOLLOWS:

(1) SIP ON, ROUTE LINE SEGMENT NUMBER (RLSG) FIRST, PC01/000
SECOND, QA01/000 THIRD RA01/000.

(2) SIP OFF (RLSG) FIRST, PG01/000, SECOND QF01/000,
THIRD RC02/000.

H. REMARKS: EWS ON & OFF TIMES ARE AS FOLLOWS:

(1) ON WHEN PASSING 60 M ON CLIMB OUT FROM FIRST THREE
AERIAL REFUELINGS.

(2) FIRST OFF POINT (RLSG) PG01/000, SECOND OFF POINT
(RLSG) QF01/000, THIRD OFF POINT (RLSG) RB02/000.

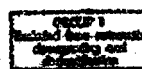
(3) PIN PEG AND BIG BLAST PARAMETERS ARE SELECTED TO INCLUDE
THE THREAT. EQUIPMENT AND ADJUSTMENTS SUCH AS RF FILTERS, PRF GATES,
ETC., SHOULD BE CHOSED IN THE BEST MANNER TO INCLUDE THE MENTIONED
PARAMETERS.

(4) SYSTEM 6 (IF OPERATIONAL) WILL REPLACE SIP IN PRIMARY
ARTICLE, THEREFORE SIP SETTINGS ABOVE DO NOT APPLY FOR PRIMARY
ARTICLE. SYSTEM 6 ON AND OFF TIMES WILL BE AS IN PARA G ABOVE.

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(5) HQS DESIRES AS SOON AS AVAILABLE, ALL SYSTEMS CHECK
 OUT REPORT.

END OF MESSAGE

COORD: D/M/OSA

OXC/PLAN

OXC MSG CONTROLLER WOW

25X1

25X1

C/OXC/O/OSA
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